Technical sheet :

MT 1840 A 100D ST5 S1



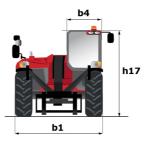


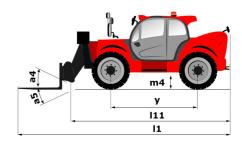
мт 1840 A 100D ST5 S1 Created on July 3, 2025 at 9:48 PM UTC

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Capacities	Imperial
Max. capacity	8818 lb
Max. lifting height	57 ft 7 in
Maximum outreach	42 ft 11 in
Breakout force with bucket	8391 daN
Neight and dimensions	
)verall length to carriage	l11 20 ft 2 in
ength to face of forks	12 20 ft 7 in
overall width	b1 7 ft 9 in
Overall height	h17 8 ft
Vheelbase	y 10 ft 1 in
Ground clearance	m4 1 ft 3 in
Iverall cab width	b4 2 ft 11 in
	a4 12 °
iilt-up angle	
iilt-down angle	
External turning radius (over tyres)	Wa1 12 ft 11 in
Jnladen weight (with forks)	27888 lb
)verall weight	27337 lb
Tires type	Pneumatic
Standard tires	Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s 47 in x 5 in x 2 in
Performances	
ifting	14 s
owering	14 s
Extension	19 s
Retraction	15 s
Ссоор	5 s
Dump	5 s
Ingine	
Engine brand	Deutz
Engine norm	Stage V
	TCD 3.6
Engine model	
Number of cylinders / Capacity of cylinders	4 - 221 in ³
.C. Engine power rating - Power	100 Hp / 75 kW
Max. torque / Engine rotation	302 ft/lbs @ 1600 rpm
Drawbar pull (Laden)	8391 daN
Transmission	
Fransmission type	Torque converter
Number of gears (forward / reverse)	4 / 4
ravel speed (laden)	16 mph
fax. travel speed	15 mph
Max. travel speed (may vary according to applicable regulations)	15 mph
Parking brake	Automatic negative parking brake
Service brake	Oil-immersed multi-discs on front & rear axle
lydraulics	
łydraulic pump type	Gear pump
lydraulic flow / Pressure	44 US gpm-3916 PSI
ank capacities	
ingine oil	3 US gal
łydraulic oil	36 US gal
Diesel Exhaust fluid (AdBlue® type)	6 US gal
uel tank	37 US gal
	37 US gai
loise and vibration	
loise at driving position (LpA)	79 dB
Noise to environment (LwA)	106 dB
/ibration on hands/arms	< 2.50 m/s ²
Miscellaneous	
Steering wheels (front / rear)	2/2
Drive wheels (front / rear)	2/2
Cab certification	Cabin ROPS - FOPS level 2
Controls	JSM

MT 1840 A 100D ST5 S1 - Dimensional drawing









Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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